

LEVITAN, Kh.N., prof.; DMITRIYEVA, V.S., dotsent; SMOLYAK, Z.S., assistant

Clinical and anatomical characteristics of diffuse kidney diseases.
Sbor. trud. Kursk. gos. med. inst. no.13:334-337 '58.

(MIRA 14:3)

1. Iz kliniki fakul'tetskoy terapii (zav. - prof. Kh.N.Levitan)
i kafedry patologicheskoy anatomii (zav. - prof. A.S.Brumberg)
Kurskogo gosudarstvennogo meditsinskogo instituta.

(KIDNEYS—DISEASES)

LEVITAN, Kh.N., prof.; SMETSKAYA, N.P., ordinator

Treatment of gastric and duodenal ulcer. Sbor. trud. Kursk. gos.
med. inst. no.13:369-372 '58. (MIRA 14:3)

1. Iz kliniki fakul'tetskoy terapii (zav. - prof. Kh.N.Levitan)
Kurskogo gosudarstvennogo meditsinskogo instituta.
(PEPTIC ULCER)

LEVITAN, K.Y., podpolkovnik meditsinskoy sluzhby

Case of Crohn's disease. Voen.-med. zhur. no.11:73 N '61.
(MIRA 15:6)

(REGIONAL ILEITIS)

LEVITAN, K.Ya.

Case of spontaneous rupture of the bladder. Khirurgiia 35
no.12:93-94 D '59. (MIRA 13:6)
(BLADDER diseases)

LEVITAN, L. B.
USSR/Chemistry - Industrial economics

FD-359

Card 1/1 Pub.50 - 2/24

Author : Levitan, L. B.

Title : Improvement in the planning of labor production indices is the most important task of workers in the chemical industry

Periodical : Khim. prom., No 6, 331-335 (11-15), Sep 1954

Abstract : Discusses procedures for estimating the number of workers needed and the funds required to pay wages to these workers at enterprises of the chemical industry.

Institution :

Submitted :

LEVITAN, Lev Borisovich; VEKSER, A.A., red.; SPERANSKAYA, A.A., tekhn.red.

[Planning the production at the enterprises of chemical industries]
Planirovanie proizvodstva na predpriatiakh khimicheskoi pro-
myshlennosti. Moskva, Gos.nauchno-tekhn.isd-vo khim.lit-ry, 1960.
331 p. (MIRA 13:7)

(Chemical industries)

PETROV, K.A.; NIFANT'YEV, E.Ye.; SOPIKOVA, I.I.; LEVITAN, L.P.

Synthesis and some properties of dialkylcyclohexyl phosphates.
Zhur.prikl.khim. 37 no. 5:1132-1135 My '64. (MIRA 17:7)

NIPANT'YEV, E.Ye.; BELOVEITSEV, M.A.; LEVITAN, L.P.

Synthesis and some properties of cellulose acid phosphites.
Vysokem. soed. 7 no.3:513-516 Mr '65. (MIRA 18:7)

LEVITAN, M.M.

Some indexes of external respiratory function in pneumonia.

Sbor. trud. Kursk. gos. med. inst. no.13:352-355 '58.

(MIRA 14:3)

1. Is kliniki propedevniki vnutrennikh bolezney (sav. - prof. M.A.
Cherkasskiy) Kurskogo gosudarstvennogo meditsinskogo instituta.
(PNEUMONIA) (RESPIRATION)

YURKIVILOVA, Z.N., med. sci. cand.; SHCHERBA, N.G., med. sci. cand.;
KARLO, G.F.

Colibacterin-in-pel treatment of patients with nonspecific
ulcerous colitis. Sov. med. 28 no. 11-4 p. 145. (Sov. Med. 1985)

1. Praktologicheskoye otdeleniye (zav. - prof. I.N. Nyschkin)
Gosudarstvennogo onkologicheskogo instituta imeni Gertsmena, Moskva.

NIFANT'YEV, E.Ye.; ILV 111, 111.

Convenient synthesis of allyl hypophosphiten. Zhur. ob. khim.
35 no.4:758 Ap 1965. (MIRA 18:5)

LEVITAN, M.M.

Graphic-analytic treatment of dilatometric curves. Zav.lab.21
no.6:712-716 '55. (MLRA 8:9)

1. Gosudarstvennyy issledovatel'skiy avtomobil'nyy i avtomotor-
nyy institut.

(Dilatometry)

LEVITAN, M.M., inzhener.

Effect of the chemical composition and microstructure of chromium cast iron on its machinability. Metalloved. i obr. met. no.2:50-52 F '56.

(MIRA 9:7)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy avtemobil'nyy i avtemotornyy institut.

(Chromium-iron alloys--Metallography)

SHKOL'NIKOV, E.M., kand.tekhn.nauk; LEVITAN, M.M., inzh.; OSIPIYAN, A.V.,
kand.tekhn.nauk, red.; KOZLOVSKIY, I.S., kand.tekhn.nauk, zamestitel'
otvetstvennogo red.; BRILING, N.B., doktor tekhn.nauk, prof., red.;
KALISH, G.G., doktor tekhn.nauk, prof.; LIPGART, A.A., prof., red.;
PEVZNER, Ya.M., doktor tekhn.nauk, prof., red.; PRIYADILOV, V.I., kand.
tekhn.nauk, red.; ROZANOV, V.G., kand.tekhn.nauk, red.; KRUSHCHEV, M.M.,
doktor tekhn.nauk, prof., red.; CHISTOZVONOV, S.B., inzh., red.;
ZIL'BERBERG, Ya.G., inzh., red.; YEGORKINA, L.I., red.isd-va;
UVAROVA, A.F., tekhn.red.

[Using chromium-silicon alloys in manufacturing automobile engine
sleeves] Khromokremnistyi splav dlia gil'z avtomobil'nykh dvigatelei.
Moskva, Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1957. 78 p.
(Moscow, Gosudarstvennyi nauchno-issledovatel'skii avtomobil'nyi i
avtomotorny institut. Trudy no.81)

1. Direktor Gosudarstvennogo soyuznogo ordena Trudovogo Krasnogo
Znameni nauchno-issledovatel'skogo avtomobil'nogo i avtomotornogo
instituta (for Osipyan). 2. Zamestitel' direktora Gosudarstvennogo
soyuznogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo
avtomobil'nogo i avtomotornogo instituta (for Kozlovskiy). 3. Chlen-
korrespondent AN SSSR (for Briling).
(Chromium-silicon alloys) (Automobiles--Engines--Cylinders)

128-58-6-13/17

LEVITAN, M.M.

AUTHORS: Stepin, P.I., Shkol'nikov, E.M., and Levitan, M.M. Candidates of Technical Sciences.

TITLE: The Mechanism of the Formation of Nodular Graphite in Magnesium Cast Iron. (K vorposu o mekhanizme obrazovaniya sharovidnogo grafita v magniyevom chugune)

PERIODICAL: Liteynoye Proizvodstvo, 1958, Nr 6, pp 29-30 (USSR)

ABSTRACT: The authors critically analyze the theory suggested by V.P. Pavlov ("Izvestiya AN SSSR", OTN, Nr 4, 1957) and proved it wrong. The essence of this theory is that hard manganese reacts with carbon desolved in molten iron and forms manganese carbides which decompose after reaching higher temperatures leaving graphite crumbs which become round after being rolled by streams of metal. There are 8 references, 6 of which are Soviet, 1 German, and 1 English.

AVAILABLE: Library of Congress
Card 1/1 1. Cast iron-Metallurgical analysis 2. Magnesium alloys-Properties

GOHBUNOV, S.F.; LEVITAN, M.M.

Efficient organization of iron-magnesium founding. Lit. proizv.
no.11:8-10 N '57. (MIRA 10:12)
(Iron-magnesium alloys) (Founding)

LEVITAN, M.M., insh.

Transformations in tempering chromium cast iron. Izv. vys. ucheb.
zav.; chern. met. no.12:77-80 D '58. (MIRA 12:3)

1. Tsentral'nyy nauchno-issledovatel'skiy avtomobil'nyy institut.
(Cast iron--Metallography)
(Tempering)

14-14
LEVITAS, ~~M.H.~~, Cond Tech Sci ~~—~~, "Study of the effect of chromium
and silicon ^{upon} ~~the~~ certain properties of chromium pig iron ^{is distinct} ~~inherent~~
for the manufacture of bushings of internal combustion engines."
Mos, 1959. 18 pp (Glavniiproekt under Gosplan USSR. Central
Scientific Research Inst of Technology and Machine Building,
150 copies (FI, 87-2, 180)

- 28 -

82693

S/128/61/000/003/001/008
A054/A127

18 1150

AUTHORS: Gorbunov, S. F., and Levitan, M. M.

TITLE: Production of cupola magnesium iron

PERIODICAL: Liteynoye proizvodstvo, no. 3, 1961, 1 - 4

TEXT: Magnesium-modified iron products are now used on a large scale (e. g. cast automobile and tractor crankshafts, wheels, hubs, fittings, radiator nipples, high-voltage power transmission line equipment etc.). Demands of the industries, however, are not met by present foundry production methods and simplified and more efficient and economical production methods are postulated. At the NAMI Institute, a simplified technology for the fabrication of ferritic and pearlitic magnesium cast iron has been developed. It is based on the modification of cast iron with a sulphur content of 0.01 - 0.03%, melted in a cupola furnace with basic lining and the modification of cast iron with a iron-silicon-magnesium master alloy of increased specific weight. This alloy may be directly put into the ladle without any violent reaction and spattering of metal. No special devices were necessary. In the heat treatment process of ferritic and pearlitic

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A054/A127

Production of cupola magnesium iron

magnesium iron castings, carried out at 650 - 750°C, the first graphitization phase during annealing and other high-temperature treatment phenomena have been eliminated. A temperature of 1,350 - 1,400°C proved to be sufficient for various types of magnesium castings with a thickness of walls from 5 mm and above, including cast iron grades with ferritic structure of great plasticity. It was established that the latter could replace malleable iron and pearlitic cast iron of great strength and great resistance to wear in the fabrication of crankshafts for automobiles, which now could be cast. Additional modification for a large nomenclature of products by means of ferrosilicon, brand Cw75 (Si75) has been used to avoid the primary formation of cementite in castings of any cross-section. The amount of ferrosilicon introduced into the liquid metal ranged between 0.1 - 0.5%, depending on the grade of cast iron and the cross-section of the casting. Test melting was carried out in a cupola furnace with the following specifications: one row of tuyeres with no heating of the blast; diameter of the charge: 700 mm; useful height of the furnace shaft: 3,600 mm; height of the hearth: 380 mm; ratio of the total surface of outlet openings divided by the cross-section surface of the shaft: 25%; height of the idle charge

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Production of cupola magnesium iron

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from the tuyeres: 1,100 mm; weight of the metal charge: 300 kg; blast pressure: 500 - 560 mm. At a height of 1.8 m from the bottom lining was made from 2 layers. For the lining of the furnace shaft 4 layers have been used: firebricks, magnesite bricks, magnesite mass and clay. Magnesite bricks proved to be more suitable since use of chromium-magnesite bricks lead to a saturation of the cast iron with chromium up to 0.8%. Linings of this type sustained 5 - 7 heats, each of those lasting 2 - 4 hrs. The cast iron grades used in the melts were ЛK-3 (LK-3) and ЛK-4 (LK-4) plus gray cast iron risers. The flux material consisted of limestone, fluorite, manganese ore and dolomite. The most efficient flux combination proved to be a mixture of limestone and manganese-limestone, making 9 - 10% of the metal charge to ensure a minimum sulphur content of 0.015 - 0.025%. Adequate thickness of the slag layer is required for the same purpose. Modification according to the method of treating liquid metal with a low-percentage Fe-Si-Mn master alloy was performed in open, tee-pot shaped ladles with a capacity of 500 - 700 kg. To obtain magnesium cast iron of the required purity and to be able to remove the black spots, modification should also be performed in ladles with no smaller capacity than 400 - 500 kg. The amount of master alloy with a temperature of the cast iron on the spout was 1.8 -

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2.0% of the weight of the liquid metal. The best method to prepare a suitable magnesium master alloy was the dissolution of solid magnesium in 75%-ferrosilicon. It contained 5 - 7% Mg, 40 - 45% Si and iron. A preheated ladle was charged with magnesium billets, preheated up to 200 - 300°C, soft steel waste was added and finally the ladle was filled with liquid ferrosilicon type SI75 and heated up to 1,400 - 1,450°C. For the ferritic and pearlitic magnesium cast iron specimens high carbon content was considered to be of importance to obtain easier adsorption of Mg. Structural variants were achieved by different doses of ferrosilicon. The following composition has been selected, e. g. for the fabrication of cast crankshafts of pearlitic magnesium cast iron for the "Zaporozhets" and "Moskvich" automobiles: 3.4 - 3.6% C; 2.4 - 2.6% Si; 1.2 - 1.4% Mn; 0.15% P; 0.20% Cr; 0.007 - 0.015% S; 0.08 - 0.05% Mg. To eliminate certain difficulties in this technology due to the high liquidity and tendency to form shrinkage flaws, special gating systems and tapping temperatures have to be used (e. g. 1,270 - 2,310°C considered as sufficient for automobile hubs, wheels, oil pans, fittings etc.). Hubs of automobile wheels, hubs of truck trailers, automobile power transmission crankcases, radiator nipples, high-voltage insulators

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A054/A127

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and other parts and components, previously made from malleable iron, were produced from ferritic magnesium cast iron. The automobile parts were intended for the ZIL-type, while for the "Zaporozhets 9653" and the "Moskvich-407" type cast crankshaft were made from pearlitic magnesium iron. Casting was done in vertical molds whereby welding of crankpins and counterweights was simplified and performed with high precision. Essential in this casting technology is the use of a dry slag skimmer with centrifugal action. In the first attempts of making cast crankshafts for the "Zaporozhets" car, sufficient purity of the metal and a minimum of black inclusions has been achieved. A party of 300 crankshafts was produced. They were tested in automobile engines and then adopted for actual operation. The making of such castings without structurally free cementite helps to considerably cut down the heat treatment cycle due to the elimination of the first graphitization phase and heat treatment of ferritic magnesium iron was carried out at 720°C - 750°C over a period of 3 - 4 hrs with subsequent air-cooling of the castings. In a similar manner radiator nipples have been annealed. Pearlitic magnesium parts, including cast crankshafts were annealed at 640 - 660°C over a period of 2 - 3 hrs and cooled by air. The main mechanical properties characteristics of heat-treated ferritic and pearlitic magnesium iron are given in Table 2. There are 7 figures, 2 tables and 1 Soviet-bloc reference.

Card 5/6

LEVITAN, M.M.

Conditions for obtaining castings of magnesium cast iron without
primary cementite. Lit. proizv. no.6:7-10 Je '63. (MIRA 16:7)

(Cast iron—Metallurgy)
(Iron founding)

LEVITAN, M.M.; CORBUNOV, S.F.

Heat treatment and properties of cast crankshafts. Lit. proizv.
no.12:13-16 D '64. (MIRA 18:3)

RABINOVICH, M.S., kand. tekhn. nauk; OSTAFENKO, V.A., kand. tekhn.
nauk; PASHCHEVSKIY, Yu.G., inzh.; MURDSENTUKOVA, V.I., inzh.;
SHKLYAR, A.P., inzh.; LEVITAN, M.Ye., inzh.

[Equipment for the automation of industrial processes in the
coal industry; a catalog and handbook] Sredstva avtomatiza-
tsii proizvodstvennykh protsessov v ugol'noi promyshlennosti;
katalog-spravochnik. Moskva, Nedra, 1965. 166 p.
(MIRA 18:8)

18(5), 8(5)

SOV/112-59-5-9052

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 5, p 91 (USSR)

AUTHOR: Rabinovich, M. S., Kolokolov, V. V., and Levitan, M. Ye.

TITLE: Automatic Equipment of Mine Water-Pumping Outfits Should be Improved

PERIODICAL: Ugol' Ukrainy, 1958, Nr 4, pp 42-45

ABSTRACT: The "Krasnyy metallist" plant, Konotop, manufactures AVV-3 high-voltage automatic equipment for water-pumping outfits only of a regular mine type. This fact excludes the possibility of using the equipment outside the near-shaft installations, in gas- and dust-hazardous mines. There are many pumping plants with a high-voltage drive situated at the extremes of the mine field and at the levels lower than the shaft yard. These water-pumping outfits could not be automated until recently because of the above reasons. Now this problem is being successfully solved by means of AVN-1 equipment manufactured by the "Krasnyy metallist" plant; the equipment is explosion-proof and is intended for automating water-pumping installations with low-

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SOV/112-59-5-9052

Automatic Equipment of Mine Water-Pumping Outfits Should be Improved

voltage motors. The Giprouglsavtomatizatsiya Institute has modernized this equipment for use in automating high-voltage water pumping. The cost of automation as compared to that with the AVV-3 equipment is lower by 25-30%. The principal scheme for controlling high-voltage water pumps by means of the modernized AVN-1M equipment is presented, as well as a description of its functioning in the pumping plant at the number 1 slope of No. 5-6 shaft imeni Dimitrov, Donbass.

S.A.P.

Card 2/2

BLITSHEYN, I.I., kandidat biologicheskikh nauk; MOLDAVSKAYA, V.D., professor;
RODKIN, S.V., dotsent; CHERNYAVSKAYA, F.P., kandidat meditsinskikh nauk;
LEVITAN, R.B.; GRODZINSKAYA, A.I.; OSTROMUKHOVA, B.L.

The role of *Isambella* and *hymenolepis nana* in dysentery of young
children. Sov.med.21 no.3:22-26 Apr '57. (MLRA 10:7)

1. Iz Ukrainskogo instituta malyarii i meditsinskoy parazitologii imeni
prof. V.Ya.Rubashkina (dir. I.A.Demchenko), Khar'kovskogo instituta
okhrany materinstva i detstva (dir. - kandidat meditsinskikh nauk A.I.
Kornikova), detskoy bol'nitsy No.24 (glavnyy vrach L.M.Poyarkova) i
detskikh yasley No.81 (glavnyy vrach B.L.Ostromukhova) Khar'kov.

(DYSENTERY, BACILLARY, in inf. and child
in giardiasis & tapeworm infection, ther.)

(GIARDIASIS, in inf. and child
in bacillary dysentery, with tapeworm infect., ther.)

(TAPEWORM INFECTION, in inf. and child
in bacillary dysentery, with giardiasis, ther.)

LEVITAN, R.B.

USSR/Zooparasitology - Mites and Insects as Disease Vectors.

G-3

Abs Jour : Ref Zhur - Biol., No 10, 1958, 43447

Author : Almazova, V.V., Prokopenko, L.I., Shesterikova, A.A.,
Levitanskaya, R.B.

Inst : -

Title : Composition by Age and Epidemiological Significance of
Anopheles Maculipennis Population in Districts of the
Altai Region Near Ob.

Orig Pub : Mxl. parazitol. i parazitarn. bolezni, 1957, 26, No1, 61-
70.

Abstract : Data on composition by age and physiology of A. maculipennis in untreated settlements and settlements thoroughly treated by DDT in districts near Ob (of Pavlov region). The mosquitoes which wintered there, as well as the mosquitoes of the first summer generation during the 1953 and 1954 seasons exhibited no epidemiological significance.

Card 1/3

Dissertation: "Determination of Optimum Parameters of a Regulator and Electrical Model of a Thermal Object." Cond Tech Sci, Moscow Order of Lenin Power Engineering Institute imeni V. M. Molotov, 7 May 54. (Vechernyaya Moskva, Moscow, 29 Apr 54)

SO: SUM 243, 19 Oct 1954

LEVITAN, S.A., kandidat tekhnicheskikh nauk; KAGANOV, V.Yu., kandidat tekhnicheskikh nauk.

Electromechanical model of a thermal unit for investigating automatic control systems. Trudy MNI no.18:309-319 '56. (MLRA 10:1)

1. Kafedra teoreticheskikh osnov elektrotekhniki i Tsentral'noy laboratorii avtomatiki Ministerstva chernoy metallurgii SSSR.
(Automatic control) (Electromechanical analogies)

"APPROVED FOR RELEASE: 07/12/2001

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APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620011-1"

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620011-1

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620011-1"

LEVITAN, S.A., kand.tekhn.nauk; KHALAMEYZER, M.B., inzh.

Regulating the temperature in the processing of color film.

Trudy MEI no.27:330-339 '58.

(MIRA 13:4)

1. Tsentral'naya kinostudiya dokumental'nykh fil'mov.
(Color photography)

ATABEKOV, Grigoriy Iosifovich; TIMOFEYEV, Andrey Borisovich;
KHUKHRIKOV, Sergey Sergeyevich; LEVITAN, S.A., red.;
BORUNOV, N.I., tekhn. red.

[Theoretical principles of electrical engineering in three
parts] Teoreticheskie osnovy elektrotekhniki v trekh chastiakh.
Moskva, Gosenergoizdat, Pt.2. [Nonlinear networks] Nelineinye
tsepi. 1962. 127 p. (MIRA 16:3)
(Electric engineering) (Electric networks)

ANDREYEV, Georgiy Pavlovich; ANDREYEV, Sergey Nikolayevich;
BOGOLYUBOV, Valentin Yevgen'yevich; BURDAK, Nadezhda
Mironovna; ZHUKHOVITSKIY, Boris Yakovlevich; ZEVEKE,
Georgiy Vasil'yevich; KARAYEV, Ruben Iosifovich; LEVITAN
Semen Arkad'yevich; MUKHIN, Aleksandr Andreyevich;
NEGNEVITSKIY, Iosif Borisovich; PEREKALIN, Mikhail
Aleksandrovich; POLIVANOV, Konstantin Mikhaylovich, prof.,
doktor tekhn.nauk; FRIDKIN, L.M., tekhn. red.

[Problems of theoretical principles of electrical engineering;
theory of networks]Zadachnik po teoreticheskim osnovam elektro-
tekhnika; teoriia tsepei. [By]G.P.Andreev i dr. Moskva, Gos-
energoizdat, 1962. 159 p. (MIRA 15:12)
(Electric engineering) (Electric networks)

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620011-1

APPROVED FOR RELEASE: 07/12/2001

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CIA-RDP86-00513R000929620011-1"

DESCRIPTION In Isentropic flow, a velocity profile is derived for a flow field in which the velocity is a function of the radial coordinate only. The velocity profile is derived for a flow field in which the velocity is a function of the radial coordinate only. The velocity profile is derived for a flow field in which the velocity is a function of the radial coordinate only.

TRANSLATION An equation is derived for the amplitude of the velocity profile in a flow field in which the velocity is a function of the radial coordinate only. The equation is derived for a flow field in which the velocity is a function of the radial coordinate only.

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APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620011-1"

KOZLOV, Lev Ivanovich, inzh.; LEVITAN, Solomon Solomonovich, inzh.;
KUROCHKIN, Boris Nikolayevich, kand. tekhn.nauk; CHERNENKO,
Mikhail Avksent'yevich, inzh.; KUDRIN, Viktor Aleksandrovich,
kand.tekhn. nauk; TARSHIS, D.M., red. izd-va; ATTOPOVICH, M.K.,
tekhn. red.

[Use of natural gas in open-hearth furnaces]Primenenie pri-
rodnogo gaza v martenovskikh pechakh. [By] L.I.Kozlov i dr.
Moskva, Metallurgizdat. 1962. 158 p. (MIRA 15:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metallurgi-
cheskoy teplotekhniki (for Kurochkin). 2. Gosudarstvennyy
soyuznyy proyektnyy institut Ministerstva chernoy metallurgii
(for Kozlov, Levitan, Chernenko, Kudrin).
(Open-hearth furnaces) (Gas, Natural)

LEVITAN, V.L.; MYSOVSKIY, V.S., kand. tekhn.nauk, retsenzent;
EL'KIND, V.D., tekhn. red.

[Automatic control of founding processes; low-current electric control circuits with contactless and contact elements] Avtomatizatsiia liteirnykh protsessov; slabotochnye elektricheskie skhemy upravleniia s beskontaktnymi i kontaktnymi elementami. Moskva, Mashgiz, 1963. 95 p.
(MIRA 17:2)

LEVITAN, V. M.

The work of medical teams in chemical warfare Moskva, Medgiz, 1949. 22 p.
(Biblioteka srednego modrabotnika)

LEVITAN, V.N., kandidat meditsinskikh nauk.

Methodology and practical aspects of x-ray therapy of mycosis of the scalp. Vest. ven. i derm. 6:18-20 N-D '55. (MIRA 9:5)

1. Iz rentgenovskogo kabineta vendispensera No.13 Frunzenskogo rayona Leningrada (glavnyy vrach Z.S. Lisitsyna)

(HEAD, dis.

scalp mycosis, radiother.)

(MYCOSIS FUNGOIDES

scalp, radiother)

(RADIOTHERAPY, in various dis.

mycosis of scalp)

ROGOVOY, M.I., inzh.; FRANCHUK, K.O., inzh.; YAROSHEVSKIY, A.V.,
inzh.; LEVITAN, Ya.S., red.; RATNER, A.N., tekhn. red.

[Programs meeting minimum technical requirements for workers in
the building materials industry] Programmy po tekhnminimumu dlia
rabochikh promyshlennosti stroitel'nykh materialov. Moskva,
Biuro tekhn. informatsii, 1949. 266 p. (MIRA 15:4)

1. Russia (1917- R.S.F.S.R.) Ministerstvo promyshlennosti
stroitel'nykh materialov.
(Technical education) (Building materials industry)

ARIYEVICH, M., kand.tekhn.nauk; LEVITAN, Ye., insh.

Some performance qualities of composed reinforced concrete roofs.
Zhil.-kom. khov. 10 no.11:5-7 '60. (MIRA 13:11)
(Roofing, Concrete)

LIOZNOV, S.E.; LEVITAN, Ye.B.

Intrathoracic dystopia of a kidney. Urologia 24 no.1:59 Ja-F '59.
(MIRA 12:1).

1. Iz Bryanskoy oblastnoy bol'nitsy.
(KIDNEYS, abnorm.
dystopia, intrathoracic (Rus))

LEVITAN, E. I.

Clock mechanisms of time fuzes Moskva, Gos. izd-vo obr. promyshl., 1944. 321 p.
(49-32311).

UP780.L4

LEVITAN, Ye., kandidat tekhnicheskikh nauk.

Analytic investigation of the torque diagram of the "Pobeda"
watch spring. Chas.mekh. no.1:103-115 '55. (MLRA 9:12)
(Clocks and watches) (Springs (Mechanism))

LEVITAN, Ye. I., kandidat tekhnicheskikh nauk.

Fuses for compensating spring moments. Chas.mekh. no.1:116-123
'55. (MLRA 9:12)

(Clocks and watches) (Springs (Mechanism))

LEVITAN, Ye.I., kandidat tekhnicheskikh nauk.

Effect of the nonequilibrium of the balance wheel on its oscillation periods. Chas.mekh. no.1:124-134 '55. (MLRA 9:12)
(Clocks and watches) (Oscillations)

ARIYEVICH, E., inzh.; LEVITAN, Ye., inzh.

Improve the quality of reinforced concrete roofs. Zhil.-kon.khoz.
8 no.4:7-9 '58. (MIRA 11:5)

(Roofing, Concrete)

LEVITAN, Ye. P., Cand Tech Sci (diss) -- "Investigation of the useful properties of prefabricated reinforced-concrete roofing for multistory residence houses". Moscow, 1959. 25 pp (Acad Communal Economy im K. D. Pamfilov), 150 copies (KL, No 9, 1960, 125)

KUZNETSOV, G.F.; KHLUSOV, I.Ye., kand.tekhn.nauk; SHOLOKHOV, V.G., inzh..
Prinimeli uchastiye: AKBULATOV, Sh.P., kand.tekhn.nauk;
KRICHEVSKAYA, Ye.I., kand.tekhn.nauk; DOROKHOV, A.N., inzh.;
NIKIFOROV, I.A., kand.tekhn.nauk; BOGDANOV, B.N., inzh.; AVRU-
TIN, Yu.Ye., inzh.; VISHNEVSKIY, N.D., inzh.; ARIYEVICH, E.M.,
kand.tekhn.nauk; LEVITAN, Ye.P., inzh.; TUPOLEV, M.S., prof.,
doktor arkhitektury. TEMKIN, L.Ye., inzh., red.; KHAVIN, B.N.,
red.isd-vs; BOROVNEV, N.K., tekhn.red.

[Temporary instruction (SN 51-59) for planning and constructing
combined roofs of residential and public buildings] Vremennye
ukazaniya po proektirovaniyu i ustroystvu sovmeshchennykh krysh
(pokrytii) zhilykh i obshchestvennykh zdenii (SN 51-59). Moskva,
Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materinlam, 1959.
34 p.

(MIRA 13:1)

(Continued on next card)

KUZNETSOV, G.F.---(continued) Card 2.

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva.
 2. Nauchno-issledovatel'skiy institut stroitel'noy fiziki i ogranicheniye konstruktivnykh konstruktivnykh Akademii stroitel'stva i arkhitektury SSSR (for Kuznetsov, Khlusov, Sholokhov).
 3. Direktor Nauchno-issledovatel'skogo instituta stroitel'noy fiziki i ogranicheniye konstruktivnykh konstruktivnykh Akademii stroitel'stva i arkhitektury SSSR; deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Kuznetsov).
 4. Nauchno-issledovatel'skiy institut zhitel'skaya (for Akbulatov, Krichevskaya).
 5. Nauchno-issledovatel'skiy institut proyektirovaniya Akademii stroitel'stva i arkhitektury SSSR (for Dorokhov).
 6. Nauchno-issledovatel'skiy institut po stroitel'stvu Ministroya RSFSR (for Nikiforov).
 7. Gorstroyproyekt (for Bogdanov).
 8. Mosstroy (for Avrutin, Vishnevskiy).
 9. Akademiya kommunal'nogo khozyaystva im. K.D. Pamfilova (for Ariyevich, Levitan).
 10. Moskovskiy arkhitekturnyy institut (for Tupolev).
- (Roofs, Concrete)

LEVITAN, Ye.P.

Qualities of precast reinforced concrete roofs of multistory
apartment buildings. Sber. nauch. rab. AKKH no.16:15-28 '62.
(MIRA 17:8)

DYKHOVICHENY, Yuriy Abramovich, inzh.; ZHUKOV, S.M., inzh.;
LEVILAN, Ye.P., kand. tekhn. nauk, MAKSUCHIN, M.M.,
inzh.; TARGANSKIY, N.L., inzh.; SHCHERBA, A.A., prof.,
doktor tekhn. nauk, rets. zent; BROZILOV, A.G., inzh.,
rets. zent; DEZHT'YEV, S.T., inzh., rets. zent; SHUK,
A.I., inzh., rets. zent; KIRILLOV, Ye.A., inzh.,
rets. zent; PERMYAKOV, S.I., kand. tekhn. nauk, rets. zent;
BALASHOV, S.I., inzh., nauchn. red.

[Large-scale fully prefabricated housing construction in
Moscow] Massovoe polnosobornoe domostroyeniye v Moskve.
[By] I.U. Dykhovichnyi i dr. Moskva, Stroizdat, 1965.
275 p. (MIRA 1-13)

AVRUTIN, Yuliy Yefremovich, inzh.; KRICHEVSKAYA, Yelizaveta
Iosifovna, kand. tekhn. nauk; LEVITAN, Yefim Petrovich,
kand. tekhn. nauk; TUPOLEV, Mikhail Sergeyevich, doktor
arkhitekt; FOLOMIN, Aleksandr Ivanovich, doktor tekhn.
nauk;

[Precast reinforced concrete roofs for large-scale
construction] Sbornye zhelezobetonnye kryshi dlia massovogo
stroitel'stva. [By] IU.E.Avrutin i dr. Moskva, Stroizdat,
1965. 222 p. (MIRA 18:4)

LEVITAN, Ye.P., kand. tekhn. nauk; TARGANSKIY, N.L., inzh.;
EZDRIN, K.B., inzh.; UKRAINCHIK, M.M., inzh., red.

[Assembling precast reinforced concrete roofs for large-panel buildings; practices of the Main Construction Administration of the city of Moscow] Montazh sbornykh zhelezobetonnykh krysh krupnopanel'nykh zdaniy; iz opyta Glavmosstroia. Moskva, Stroiizdat, 1964. 31 p.

(MIRA 18:5)

1. Rukovoditel' sektora pokrytiy TSentral'noy laboratorii teplofizicheskikh issledovaniy elementov zdaniy Nauchno-issledovatel'skogo instituta stroitel'noy fiziki Gosstroya SSSR (for Targanskiy). 2. Glavnyy inzhener proyektov tekhnicheskogo otdela Instituta po proyektirovaniyu zhilishchno-grazhdanskogo stroitel'stva (for Ezdrin).

LEVITAN, Ye.P. (Moskva)

Connection between the teaching of astronomy and the study of
dialectical materialism in a course in the fundamentals of
political science. Fiz.v shkole 22 no.5:19-22 9-0 '62.

(MIRA 15:12)

(Astronomy—Study and teaching) (Materialism)

LEVITAN, Ye.P. (Moskva)

Studying the sun in astronomy lessons, Fiz.v shkole 23
no.1:27-31 Ja-F '63. (MIRA 16:4)
(Astronomy—Study and teaching) (Sun)

LEVITAN, Yo.P.

Teaching astronomy and the educational value of planetaria. *Biul.*
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1. Moskovskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo
obshchestva.

LEVITAN, Yefim Pavlovich; SITNIK, G.F., doktor fiz.-matem.nauk,
otv. red.; YEFREYOV, Yu.I., red.izd-va; LAUT, V.G.,
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[Nature of sunspots] Priroda solnechnykh piatek. Moskva,
Izd-vo "Nauka," 1964. 125 p. (MIRA 17:3)

Card 1/2

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620011-1

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620011-1"

LEVITAN, Ye.P., aspirant

How should astronomy be taught in schools. Zem. i vsel. 1 no.1:78-81
Ja-F '65. (MIRA 18:7)

NIKIFOROV, A.P.; UVAROV, V.B.; LEVITAN, Yu.L.; SAMARSKIY, A.A., prof.,
otv. red.; ORLOVA, I.A., red.; POPOVA, N.S., tekhn. red.

[Tables of Racah coefficients] Tablitsy koeffitsientov Raka.
Moskva, Vychislitel'nyy tsentr AN SSSR, 1962. 319 p.
(Quantum theory) (MIRA 15:5)

LEVITANSKY, L. I.; LEVITANSKY, V. M.; LEVITANSKY, R. I.

"Issledovaniye massoperedachi v absorbtzionnykh apparatakh pri nalozenii vibratsionnykh kolebaniy."

report submitted for 35th Intl Cong, Industrial Chemistry, Warsaw, 15-19 Sep 64.

Gosudarstvennyy institut proektirovaniya azotnoy promyshlennosti, Moscow.

GORODETSKIY, I.Ya. (Moscow); OLEVSKIY, V.M. (Moscow); LEVITANAYTE, R.P.
(Moscow); LEGOCHKINA, L.A. (Moscow)

Apparatus for determining equilibrium between liquid and vapor.
Zhur.fiz.khim. 38 no.11:2744-2746 N '64.

(MIRA 18:2)

LEVITANSKAYA, M.O.

Malignant forms of hypertension. Klin.med., Moskva 29 no.2:87-88
Feb 51. (CML 20:7)

1. Of the First Therapeutic Division (Head--Prof. A.L. Vilkovyskiy),
Central Clinical Hospital of the Ministry of Ways of Communication,
Moscow.

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LEVITANSKAYA, N. M.

Engineers G. A. Agranovskiy, N. M. Levitanskaya, A. G. Kalinin (NIIAvtoprom), G. Ye. Litvin, A. A. Bulatnikov (Automobile Works imeni Likhachev) were awarded the First N. A. Minkevich Prize for the paper "Investigation and Introduction of a Standard, Controlled Atmosphere for Heat Treatment and Chemical-Heat Treatment of Steel", wherein these authors propose an original method of purification of town gas by passing it through zinc-chromium catalysts.

Results of the 1958 Competition for Obtaining imeni D. K. Chernov and imeni N. A. Minkevich Prizes, Metallovedeniye i termicheskaya obrabotka metallov, 1959, No. 6, pp 62-64

NOVIKOVA, A.Ya.; LEVITANSKAYA, N.M.; KALININ, A.T.

Defects of the cyanide hardening layer and factors contributing to their formation. Avt.prom. no.3:39-41 Mr '61. (MIRA 14:3)

1. Nauchno-issledovatel'skiy eksperimental'nyy institut avtotraktornogo elektrooborudovaniya i priborov.
(Cyanide process)

USSR/Medicine - Malaria
Medicine - Parasitology

Feb 1947

"The Peritrophic Membrane in Mosquitoes and Its
Significance in the Development of Malarial Para-
sites," P. B. Levitanskaya, 15 pp

"Meditsinskaya Parazitologiya" Vol XVI, No 2

Detailed discussion, with diagrams, leading to the
conclusion that the secretion of the substance which
forms the peritrophic membrane is produced during
the whole period of digestion and starts anew with
each blood take. Work done at the Dept of Experi-
mental Protozoology and the Entomological Section of
the Institute of Malaria and Medicinal Parasitology
16730

USSR/Medicine - Malaria (Contd)
Medicine - Parasitology

Feb 1947

of the Academy of Medical Sciences of the USSR.

Asst in charge of the Dept is Corresponding
Member of the Academy of Medical Sciences, Prof
V. N. Beklemishev. The Director is Acting Member
of the Academy of Medical Sciences, Prof P. G.
Sergeev.

16730

LEVITANSKAYA, P. B.

LEVITANSKAYA, P. B.; LYSENKO, A. YA.

Parasites - Birds

First appearance of Plasmodium hexamerium in birds of Eurasia.
Zool. zhur. 31, No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July 1952. ~~XXX~~ 1953, Uncl.

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620011-1"

ZASUKHIN, D.N.; VASINA, S.G.; LEVITANSKAYA, P.B.

Atoxoplasma and Toxoplasma in birds [with English summary in insert].
Zool.anur.35 no.12:1799-1808 D '56. (MLRA 10:1)

1. Institut malyarii, meditsinskoy parazitologii i gel'mintologii
Ministerstva zdavookhraneniya SSSR.
(Moscow Province--Parasites--Birds)
(Toxoplasmosis)

LEVITANSKAYA, P.B.

ALMAZOVA, V.V.; PROKOPENKO, L.I.; SHESTERIKOVA, A.A.; LEVITANSKAYA, P.B.

The age composition and epidemiological significance of the *Anopheles maculipennis* population in 1953-1954 along the Ob in the Altai Territory [with summary in English]. Med.paraz. i paraz. bol. 26 no.1:61-70 Ja-F '57. (MLRA 10:6)

1. Iz Instituta malyarii, meditsinskoy parazitologii i gel'mintologii Ministerstva zdavookhroneniya SSSR i Altayskoy krayevoy sanitarno-epidemiologicheskoy stantsii (dir. instituta - prof. P.G.Sergiyev, sav. sektorom - prof. V.M.Beklemishev, glavnyy vrach sanitarno-epidemiologicheskoy stantsii A.Ye.Shestopalova).

(MALARIA, epidemiol.

determ. of age of *Anopheles maculipennis* for determ. of period of malaria transm.)

(MOSQUITOES

Anopheles maculipennis, determ. of age for determ. of period of malaria transm.)

GREYER, V.A.; LEVITSKAYA, P.B.; NIKOL'SKIY, B.A.

Eradication of biting insects in pioneer camps. Med.paraz. i paraz.
bol. 26 no.3:347-350 My-Je '57. (MIRA 10:11)

1. Iz sanitarno-epidemiologicheskoy stantsii Moskovsko-Okruzhnoy
zheleznoy dorogi (nach. stantsii I.I.Mogilevskiy).

(INSECTS,

eradication in Russia (Rus))

ZASUKHIN, D.N.; VASINA, S.G.; ~~LEVITANSKAYA~~, P.B.

The problem of atoxoplasmosis in birds [with summary in German].
Trudy Len. ob-va est. 73 no.4:117-120 '57. (MIRA 11:6)

1. Institut malyarii, meditsinskoy parazitologii i gel'mintologii
Ministerstva zdavookhraneniya SSSR.
(Protozoa) (Parasites—Birds)

Levitan, P.B.
GEPFER, V.A., LEVITANSKAYA, P.B., SHIGINA, Ye.A.

A new method for detecting helminthova in dust collected from household articles with a vacuum cleaner [with summary in English]. Med. paras. i paras. bol. 27 no.2:173-176 Mr-Apr '58 (MIRA 11:5)

1. Iz sanitarno-epidemiologicheskoy stantsii Moskovskoy okruzhnoy sholesnoy dorogi (nach. stantsii I.I. Mogilevskiy)

(HELMINTHS,

ova, isolation from household dust collected by vacuum cleaner (Rus))

L 29252-66 EWP(1)/ENT(m) RM/WW/JW

ACC NR: AF6019314

SOURCE CODE: UR/0286/65/000/012/0022/0022

INVENTOR: Levin, A. M.; Glazov, A. N.; Vershinin, V. I.; Danilov, P. M.;
Plekhanov, P. S.; Pashchenko, V. Ye.; Lachinov, S. S.; Kuznetsov, L. D.; Rabina, P. D.;
Levitskaya, T. T.; Tatarov, F. S.; Lipinskaya, V. P.; Cherneyeva, Z. M.; Alekseyeva, Z. S.

ORG: none

TITLE: Steel for manufacturing ammonia^η synthesis catalyzer. Class 18, No. 171877¹⁶

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 12, 1965, 22

TOPIC TAGS: steel, ammonia, inorganic synthesis, catalysis

ABSTRACT: A steel for manufacturing ammonia synthesis catalyzers is distinguished by an increased catalyzer activity and has the following chemical composition: 0.10% C, 1.0-2.0% Al, 0.05% Mn, 0.003% P, 0.008% S, 0.05% Cr, 0.10% Cu, 0.05% Ni, 0.40% Si, balance—iron. [JPRS]

SUB CODE: 11, 07 / SUBM DATE: none

Card 1/1 C.E.

UDC: 669.14/15

ACC NR: AP6030321

(//, N)

SOURCE CODE: UR/0153/66/009/003/0424/0429

AUTHOR: Komkov, I. P.; Levitskaya, V. M.

ORG: Moscow Technological Institute of the Meat and Dairy Industry (Moskovskiy tekhnologicheskii Institut myasnoy i molochnoy promyshlennosti)

TITLE: Salts of O,O-dialkyldithiophosphoric acids

SOURCE: IVUZ. Khimiya i khimicheskaya tekhnologiya, v. 9, no. 3, 1966, 424-429

TOPIC TAGS: potassium dialkyldithiophosphate, monoethanolammonium dialkyldithiophosphate, diethanolammonium dialkyldithiophosphate, trialkylammonium diethyldithiophosphate, phosphoric acid, ammonium salt, surface tension, surface active agent

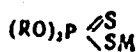
ABSTRACT: As some dialkyldithiophosphates are physiologically active, potassium salts and the previously unreported mono-, di-, and triethanolammonium salts of dialkyldithiophosphoric acids were synthesized and their surface activities studied. Potassium dialkyldithiophosphates are formed in yields of about 75% by the addition of an equimolar amount of ethanolic solution of KOH to the acids. The ammonium salts are obtained by the neutralization of the acids in benzene with an equimolar amount of freshly prepared molten ethanolamines.

Card 1/4

ACC NR: AP6030321

The mixture is heated for 30 min at 60°C. Physical constants, composition, and surface active properties of the salts are given in the table.
[WA-50; CBE No. 11]

Table 1. Physical constants and surface-active properties of dialkyldithiophosphates



	R	M	m.p. °C	n _D ²⁰	d ₄ ²⁰	Phosphorus content, %		Sulfur content, %		Nitrogen content, %		Surface tension of 0.1% aqueous solution, dyn/cm	Foam-forming ability		
						Found	Calculated	Found	Calculated	Found	Calculated		Initial volume, cm ³	Half-life, min	Perch volume after 7 hrs, % of the initial volume
1	C ₂ H ₅	NH ₄ C ₂ H ₅ OH	—	1.5322	1.1543	—	—	—	—	5.70	5.00	58.3	None		
2	•	NH ₄ C ₂ H ₅ OH ₂	—	1.5325	1.1736	—	—	—	—	4.65	4.38	55.4			
3	•	NH(C ₂ H ₅ O) ₂	—	1.5335	1.1828	—	—	—	—	4.47	4.47	54.0			
4	•	K	164–165°	—	—	—	—	25.47	25.40	3.72	3.70	64.5	•	•	•
5	C ₂ H ₅	NH ₄ C ₂ H ₅ OH	—	1.5320	1.1063	—	—	—	—	4.45	4.62	42.5	•	•	•
6	•	NH ₄ C ₂ H ₅ OH ₂	81–81.5°	—	—	—	—	18.33	18.30	3.92	4.02	43.8	•	•	•
7	•	NH(C ₂ H ₅ OH) ₂	—	1.5320	1.1279	—	—	—	—	3.64	3.68	43.6	•	•	•

Card 2/4

ACC NR: AP6030001

R	M	m.p. °C	n _D ²⁰	d ₄ ²⁰	Phosphorus content,		Sulfur content		Nitrogen content		Surface tension of 0.4% aqueous solution dyn/cm	Foam-forming ability		
					Found	Calculated	Found	Calculated	Found	Calculated		Initial volume cm ³	Half- life min	Fresh volume after 7 hrs of the initial volume
8	K	142.5-143°	—	—	—	—	—	—	—	—	62.8	—	—	—
9	C ₁₂ H ₁₈ NH ₂ C ₂ H ₄ OH	—	1.5185	1.0870	—	—	22.73 22.76	22.86	—	—	39.0	120	1	0
10	• NH ₂ C ₂ H ₄ OH ₂	—	1.5190	1.1040	—	—	19.20 19.16	19.33 4.22	4.29 4.22	4.23	37.2	150	2	0
11	C ₁₂ H ₁₈ NH ₂ C ₂ H ₄ OH ₂	—	1.5209	1.1214	—	—	17.04 16.91	17.02	3.72 3.53	3.73	32.1	600	0.5	0
12	• K	144.5-145°	—	—	10.72 10.74	10.08	21.04 21.3	20.78	—	—	54.8	None		
13	C ₁₂ H ₁₈ NH ₂ C ₂ H ₄ OH	—	1.5115	1.0500	—	—	17.62 17.64	17.83	3.92 4.12	3.9	30.0	770	10	0
14	• NH ₂ (C ₂ H ₄ OH) ₂	—	1.5125	1.0753	—	—	—	—	3.41 3.46	3.45	30.5	830	10	0
15	• NH ₂ C ₂ H ₄ OH ₂	—	1.5140	1.0936	—	—	—	—	3.26 3.11	3.13	23.6	600	12	0
16	• K	148.5-150.5°	—	—	—	—	19.02 18.99	18.08	—	—	30.7	810	2	0
17	C ₁₂ H ₁₈ NH ₂ C ₂ H ₄ OH	—	1.5045	1.0417	—	—	—	—	3.60 3.80	3.82	22.0	850	100	15
18	• NH ₂ C ₂ H ₄ OH ₂	—	1.5100	1.0599	—	—	—	—	3.11 2.99	3.24	23.4	1070	110	13
19	• NH ₂ C ₂ H ₄ OH ₂	—	1.5100	1.0754	0.45	0.53	—	—	2.64 2.64	2.95	23.2	910	100	17.2
20	• K	151-152°	—	—	0.86	0.52	—	—	—	—	22.9	850	45	10.0
21	C ₁₂ H ₁₈ NH ₂ C ₂ H ₄ OH	—	1.5040	1.0244	—	—	—	—	3.71 3.37	3.37	21.5	830	490	52.0
22	• NH ₂ C ₂ H ₄ OH ₂	—	1.5050	1.0425	—	—	—	—	3.08 3.12	3.04	22.9	900	630	59.0
23	• NH ₂ C ₂ H ₄ OH ₂	—	1.5082	1.0563	—	—	—	—	2.94 2.94	2.78	22.1	800	730	62.0
24	• K	152-153°	—	—	0.21 0.22	7.91	—	—	—	—	20.9	850	720	63.0
25	C ₁₂ H ₁₈ NH ₂ C ₂ H ₄ OH	—	1.502	1.0111	—	—	—	—	3.12 3.21	3.16	21.2	600	240	30.0

Card 3/4

ACC NR: AP6030321

R	M	m.p. °C	n _D ²⁰	d ₄ ²⁰	Phosphorus content,		Sulfur content		Nitrogen content		Surface tension of 0.4% aqueous solution dyn/cm	Foam-forming ability		
					Found	Calcu- lated	Found	Calcu- lated	Found	Calcu- lated		Initial volume cm ³	Half- life min	Peak volume after 7 hrs % of the initial volume
26	• NH ₂ (C ₂ H ₄ OH) ₂	27-28***	-	-	-	-	13.48 13.50	13.11	2.67 2.59	2.87	24.5	600	300	45.0
27	• NH(C ₂ H ₄ OH) ₂	-	1.503	1.0303	8.73	8.84	-	-	2.31 2.33	2.63	24.4	400	320	43.0
28	• K	156-157°	-	-	7.09	7.38	-	-	-	-	31.8	790	480	51.0
29	C ₂ H ₅ NH ₂ C ₂ H ₄ OH	-	1.4985	0.9970	8.60 8.28	8.58	-	-	3.03 3.25	2.97	33.1	200	240	36.0
30	• NH ₂ (C ₂ H ₄ OH) ₂	28-30***	-	-	-	-	12.46 12.55	12.40	2.52 2.50	2.71	33.9	450	200	27.0
31	• NH(C ₂ H ₄ OH) ₂	-	1.5020	1.0319	8.39	8.54	-	-	2.28	2.5	35.1	175	270	41.0
32	• K	187-188°	-	-	7.24	6.92	14.43 14.80	14.29	-	-	37.6	190	270	37.0
33	C ₂ H ₅ NH ₂ C ₂ H ₄ OH	-	-	-	-	-	-	-	-	-	24.5	880	185	17.0
34	• NH ₂ (C ₂ H ₄ OH) ₂	-	-	-	-	-	-	-	-	-	25.1	1000	260	45.0
35	• NH(C ₂ H ₄ OH) ₂	-	-	-	-	-	-	-	-	-	25.2	950	210	40.0
36	• K	-	-	-	-	-	-	-	-	-	22.9	1100	90	18.0

Recrystallized: * from acetone - ether; ** from benzene; *** from n-heptane.

SUB CODE: 07/ SUBM DATE: 21Oct64/ ORIG REF: 007/ OTH REF: 004/

Card 4/4

LEVITANSKIY, B.A.

PHASE I BOOK EXPLOITATION

504/5985

32

Rokotyan, Ye. S., Doctor of Technical Sciences, ed.

Prokatnoye proizvodstvo; spravochnik (Rolling Industry; Handbook) v. 1. Moscow, Metallurgizdat, 1962. 743 p. Errata slip inserted. 9250 copies printed.

Authors of this volume: B. S. Azarenko, Candidate of Technical Sciences; V. D. Afanas'yev, Candidate of Technical Sciences; M. Ya. Brovman, Engineer; M. P. Vavilov, Engineer; A. B. Vernik, Engineer; K. A. Golubkov, Engineer; S. I. Gubkin, Academician, Academy of Sciences USSR; A. Ye. Gurovich, Engineer; V. I. Davydov, Candidate of Technical Sciences; V. G. Drozd, Engineer; N. F. Yermolayev, Engineer; Ye. A. Zhukovich-Stopha, Engineer; N. M. Kirilin, Candidate of Technical Sciences; M. V. Kovynov, Engineer; A. M. Kogos, Engineer; A. A. Korolev, Professor; M. Ye. Kurayenko, Engineer; A. V. Laskin, Engineer; B. A. Levitanskiy, Engineer; V. M. Lurovskoy, Engineer; I. M. Mayerovich, Candidate of Technical Sciences; M. S. Ovcharov, Engineer; V. I. Pasternak, Engineer; I. L. Perlin, Doctor of Technical Sciences; I. S. Pobedin, Candidate of Technical Sciences; Ye. S. Rokotyan, Doctor of Technical Sciences; M. M. Saf'yan, Candidate of Technical Sciences; V. V. Smirnov, Candidate of Technical Sciences; V. S. Smirnov, Corresponding Member, Academy of Sciences USSR; O. P. Sokolovskiy,

Card 1/2

Rolling Industry; Handbook

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SCV/5985

Engineer; O. P. Solov'yev, Engineer; M. A. Sidorkevich, Engineer; Ye. M. Trét'yakov, Engineer; I. S. Trishovskiy, Candidate of Technical Sciences; G. N. Khonkin, Engineer; and A. I. Tsolikov, Corresponding Member, Academy of Sciences USSR. Introduction: A. I. Tsolikov, Corresponding Member, Academy of Sciences USSR; Ye. S. Mokotyan, Doctor of Technical Sciences; and L. S. Al'shevskiy, Candidate of Technical Sciences.

Eds. of Publishing House: V. M. Gorobinchenko, R. M. Golubchik, and V. A. Rymov;
Tech. Ed.: L. V. Dobushinskaya.

PURPOSE: This handbook is intended for technical personnel of metallurgical and machine-building plants, scientific research institutes, and planning and design organizations. It may also be useful to students at schools of higher education.

COVERAGE: The fundamentals of plastic deformation of metals are discussed along with the theory of rolling and drawing. Methods of determining the power consumption and the forces in rolling with plane surface or grooved rolls are

Card 2/D

Rolling Industry; Handbook

SOV/5985

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| 6. Calculation of the drawing force and required power | 644 |
| 7. Auxiliary equipment of drawing machines | 646 |

PART IV. ELECTRIC DRIVE AND AUTOMATION OF ROLLING MILLS

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| Ch. 27. Electric Drive of Rolling Mills (B. A. Levitanskiy) | |
| 1. Selection of the motor and of the drive type | 661 |
| 2. Power consumption and efficiency of the main drive | 663 |
| 3. Characteristics of electric machinery of the main drive and of auxiliary mechanisms | 664 |
| Ch. 28. Electric Drive of Reversible Blooming and Slabbing Mills (B. A. Levitanskiy) | |
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| 2. Calculation of power and selection of reversible drive | 683 |
| 3. Control of the motor at the reversible rolling mill | 691 |
| Ch. 29. Electric Drive of Shape, Plate, Sheet, and Tube-Rolling Mills (V. D. Afanas'yev) | |
| Card 17/19 | |

LEVITANSKIY, B. A.

LEVITANSKIY, B. A. Switchboards and Wiring Diagrams for Synchronous Motors
(K Voprosu o Puskovykh Panelyakh i Skhemakh dlya Sinkhronnykh
Dvigatelye), pp. 15-17

The author criticizes several types of control panels produced in the USSR since 1944. (diagrams and graphs).

SO: PROMYSHLENNAYA ENERGETIKA, No. 10, Oct. 1952, Moscow (1502270)

TA 6/49T7

USSR/Engineering
Rolling Mills
Metallurgical Plants

Aug 48

"Some Fundamental Tasks in the Automatization of
Rolling Equipment," B. A. Levitanskiy, A. B.
Chelyastkin, Engineers, 3 $\frac{1}{2}$ pp

"Stal'" No 8

Shows importance of making auxiliary operations
automatic, since they take 80% of total rolling time.
Describes achievements of engineers of Magnitogorsk
Metallurgical Combine awarded Stalin prize for
automatization of a 300-mm section mill. Discusses
various points on this project.

6/49T7

USSR/Engineering
Metallurgical Plants
Electrical Equipment

Sep 48

"Review of N. P. Kunitskiy's Book 'Electric Equip-
ment of Metallurgical Shops,' " B. A. Levitanskiy,
Engr, GlavEnergo MPP, 3 pp

"Stal'" No 9

Book gives sound outline of basic principles. Many
important machines are not described. Treatment of
selection of gear ratio is inadequate. Lists
various errors and misprints. Published by
Metallurgizdat, Moscow, 292 pp, 114-illustrations.

6/49T14

BSR/Engineering
Fuel Conservation
Metallurgy

Nov 48

"Results and Future Problems of Power Economy in
Ferrous Metallurgy," B. A. Levitanskiy, Eng'r,
"Glavenergo," Min of Metal Ind, 3 pp

"Prom Energet" No 11

Improving technological operation of ferroalloy
furnaces by intensification, organization of charge
sorting, and cutting down idle time yielded a sav-
ing of about 5 million kw-h at both the Chelyabinsk
and Zhetysay plants for first 6 months of 1948.
At Pechory Iron Works, moreover, mercury rectifiers
(RV-60) were equipped with condensers between the
plate and cathode to prevent arc-back. Gives many
other examples of power savings.

24/4/50

LEVITANSKIY, B. A.

"Economy and Standardization of Electric Power in Rolling Mills," Collection
of Data of the Scientific and Technical Session on Electric Power Economy (Sbornik
materialov nauchno-tekhnicheskoy sessii po ekonomii elektroenergii), No II, MONITOE,
1949, 139 pp.

All-Union Scientific and Technical Society of Power Engineers Moscow Division, Industrial
Electrical Engineering Section

LEVITAN, B. A. (Eng.) and DELYUSTIN, A. B. (Eng.)

"Automatization of Technological Processes in Ferrous Metallurgy", *Promyshlennaya Energetika*, No. 3, pp 3-6, 1950.

(From Reports of the First All-Union Conference of Power Engineers of the Metallurgical Industry)

SO: W-17602, 2 Apr 1951

5

Automatic Control of Vancius Operations in the Iron and Steel Industry.
A. P. Chelyustkin and B.A. Levitskiy. (Promysklovaya Energetika:
Ranyassati es Kchassati Lapok, 1950, vol.6, Dec., pp. 700-704).
(In Hunga/rian). The problems of automatic controls and the automatic
operation of rolling mills in the U.S.S.R. are discussed. The principles
of operation of control and detection apparatus for rolling mills, designed
by the Soviet Central Laboratory for Automatic Controls are briefly described.
E.G.

650 514 METALLURGICAL LITERATURE CLASSIFICATION

Mechanization of Technical Processes in Ferrous Metallurgy. (In Russian) A. B. Chepurkin and B. A. Levitskii. *Pennyslennaya Energetika* (Industrial Power), v. 7, Mar. 1960, p. 3-8.

Reviews progress to date in mechanization of rolling mills and other operations connected with ferrous metallurgy.

ASD 34A METALLURGICAL LITERATURE CLASSIFICATION
EXEMPTED FROM GPO REGISTRATION
GPO: 1960 O - 501,111

LEVITANSKIY, B.A.

PHASE I

TREASURE ISLAND BIBLIOGRAPHIC REPORT

0000105E

BOOK

Call No.: TN686.T54

Authors: EFROIMOVICH, Yu.E., Cand. of Tech. Sciences
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Full Title: A HANDBOOK FOR ELECTROTECHNICAL PERSONNEL IN FERROUS METALLURGICAL INDUSTRIES.

Transliterated Title: Spravochnik elektrika predpriyatii chernoi metallurgii

Publishing Data

Originating Agency: None.

Publishing House: State Publishing House of Scientific-Technical Literature on Ferrous and Nonferrous Metallurgy (Metallurgizdat). Moscow.

Date: 1952

No. pp.: 1167

No. copies: 14,000

1/2

LEVITANSKIY, B.A.

2/2

CCCCCCE

Call No.: TN686.T54

Full Title: A HANDBOOK FOR ELECTROTECHNICAL PERSONNEL IN FERROUS METALLURGICAL INDUSTRIES

Editors: Shalyapin, M.G.
Levitanskiy, B.A.

Appraiser: None.

Text Data

Coverage: A detailed handbook containing technical data on specifications, standards, design and operation of various types of electrical equipment in ferrous metallurgical industries; electric power supply plants and their distributing systems, transforming stations and transmission lines (high and low tension), blast furnace works, rolling mill plants, open-hearth plants, mines, electrical steel smelting and ferroalloy furnaces, sintering plants, coke plants, and electrical transport. Tables and diagrams. Subject index.

Purpose: A handbook for electrotechnical personnel, engineering technicians, machine operators, and planning personnel of metallurgical industries.

Facilities: None.

No. of Russian references: References listed at end of each chapter.

Available: Library of Congress

LEVITANSKIY, B.A., inzhener; ARKHANDEL'SKIY, V.I., redaktor; NEPOMNYASHCHIY,
N.V., redaktor; MIKHAYLOVA, V.V., tekhnicheskiy redaktor.

[Electrical equipment of the iron industry industrial plants] Elektr-
oborudovanie predpriyatii chernoi metallurgii. Moskva, Gos.nauchno-
tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1955. 619 p.
(Iron industry) (Electric machinery)